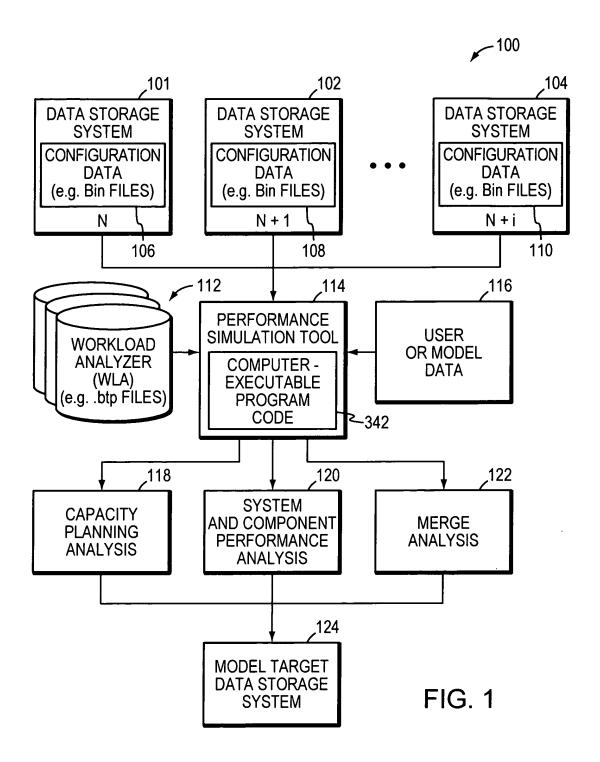
Title: System and Method For Determining Configuration ...
Filing Date: Not Yet Assigned / Docket No.: EMC—02-141CIP1
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

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System and Method For Determining Configuration ...

Not Yet Assigned / Docket No.: EMC—02-141CIP1 Title: Filing Date:

Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

Express Mail Mailing Label No. EK900600477US

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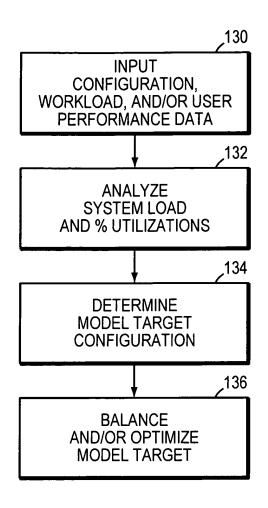


FIG. 2

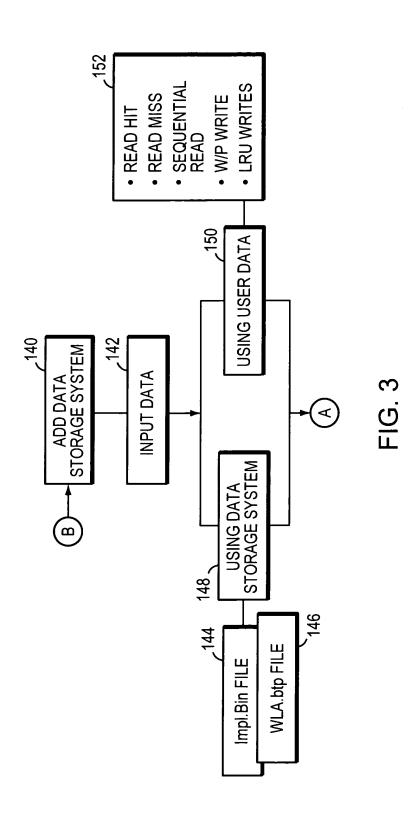
Applicants: U.S.S.N.: Title: Dan Aharoni, et al

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System and Method For Determining Configuration ...

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Express Mail Mailing Label No. EK900600477US 4/20 154 **DESELECT PORTS** AND/OR VOLUMES, 156 IF NEEDED **CHECK ACTIVE CONFIGURATION** 158. **ANALYZE** SYSTEM LOAD 160. **CALCULATE UTILIZATIONS** 164 (E) DETERMINE 162 **TARGET CONFIGURATION ADD** YES MORE BOXES? 166 **CALCULATE** SYSTEM LOAD NO FOR TARGET 168. **CALCULATE BALANCED TARGET** FIG. 4 **UTILIZATIONS** 170 **ADJUST** CONFIGURATION **VALUES?** NO

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FIG. 5

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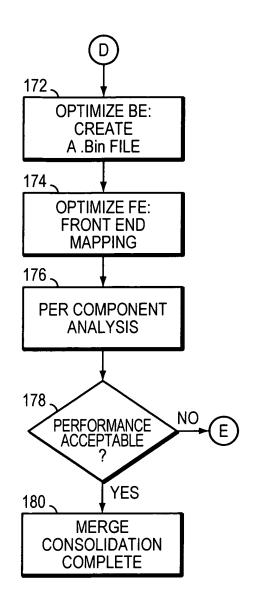


FIG. 6

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System and Method For Determining Configuration ...
Not Yet Assigned / Docket No.: EMC—02-141CIP1 Filing Date: Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. EK900600477US 6/20 130 202 204 **Target Configuration Balanced Utilization** 192 Per Component Analysis Add Box Number of Target Boxes Impl File 읖 Tools max MB/sec Reports Optimize max lOs/sec 7 198 Target Rerge: UnSaved Source Boxes Source Box Box

<u>Fi</u>

198

200

Applicants: Dan Aharoni, et al U.S.S.N.: Not Yet Assigned Title: System and Method For Determining Configuration ... Filing Date: Not Yet Assigned / Docket No.: EMC—02-141CIP1 Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. EK900600477US

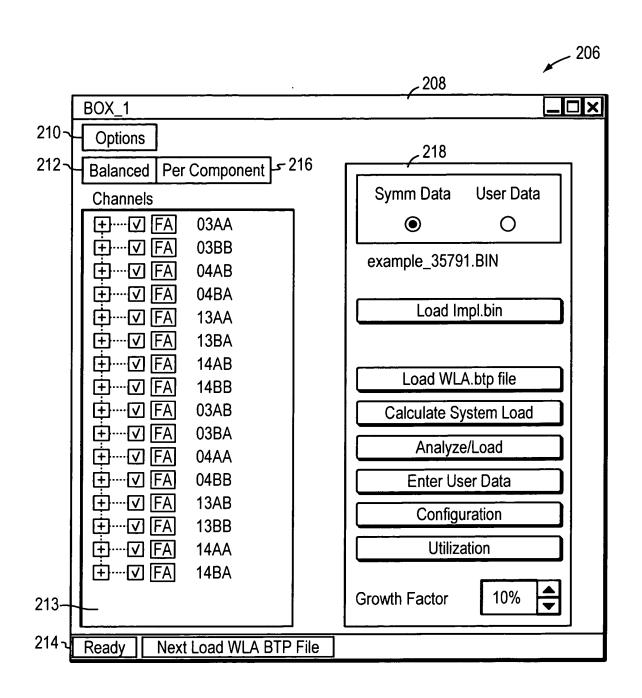


FIG. 8

Applicants: U.S.S.N.: Title: Not Yet Assigned
System and Method For Determining Configuration ... Filing Date: Not Yet Assigned / Docket No.: EMC-02-141CIP1 Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. EK900600477US 8/20 - 220 X Cancel Cheel73 576 엉 222 BE port type # BE boards # LRU locks # BE CPUs # BE ports disk type disk size #disks 6330 ₹ 226 FIBRE 4.8 Active 0 # memory areas in board Š # memory boards **()** Box type # FE boards FE port type Configuration Box version # FE CPUs Complete # FE ports # pusses

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FIG. 9

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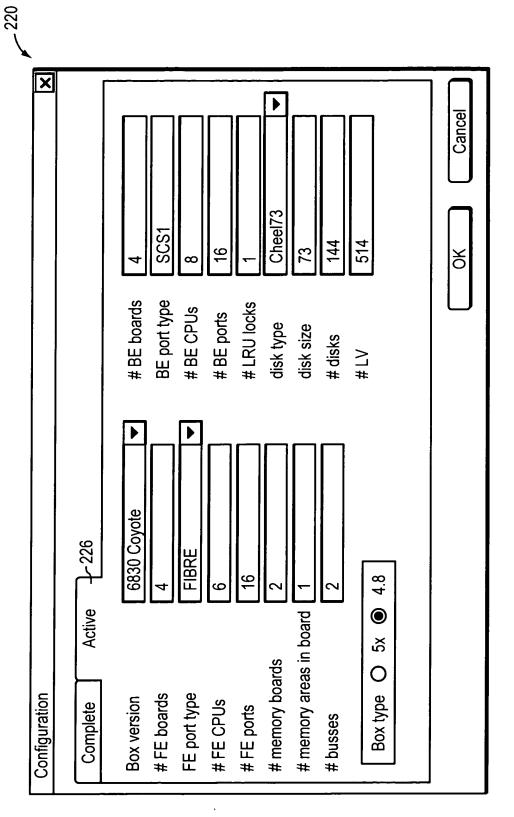
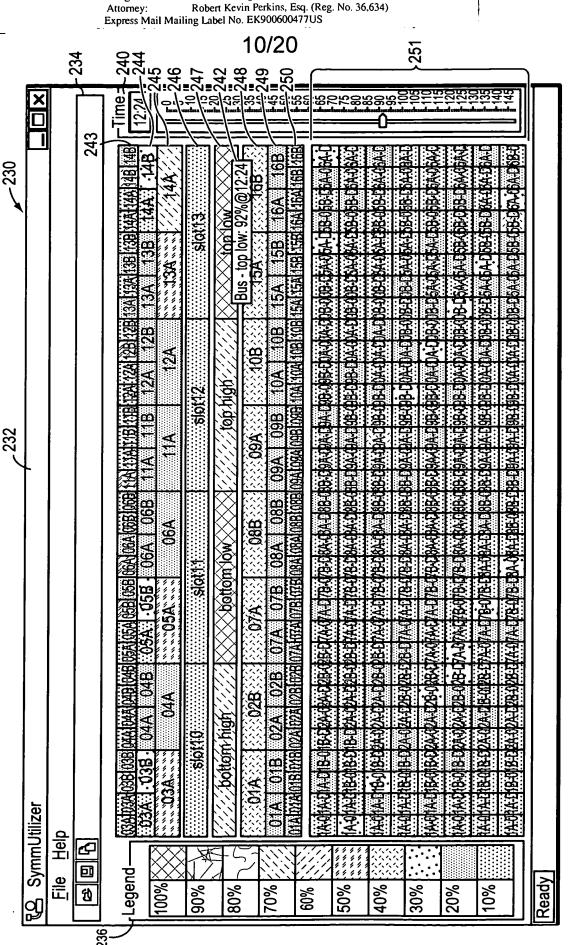


FIG. 10



Applicants: U.S.S.N.:

Filing Date:

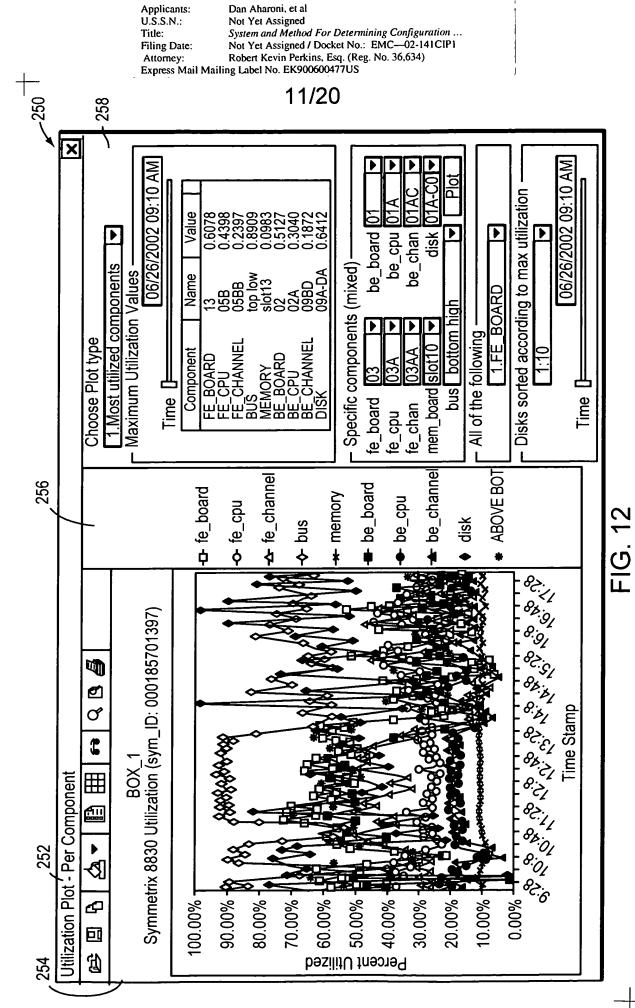
Title:

Dan Aharoni, et al Not Yet Assigned

System and Method For Determining Configuration ...
Not Yet Assigned / Docket No.: EMC—02-141CIP1

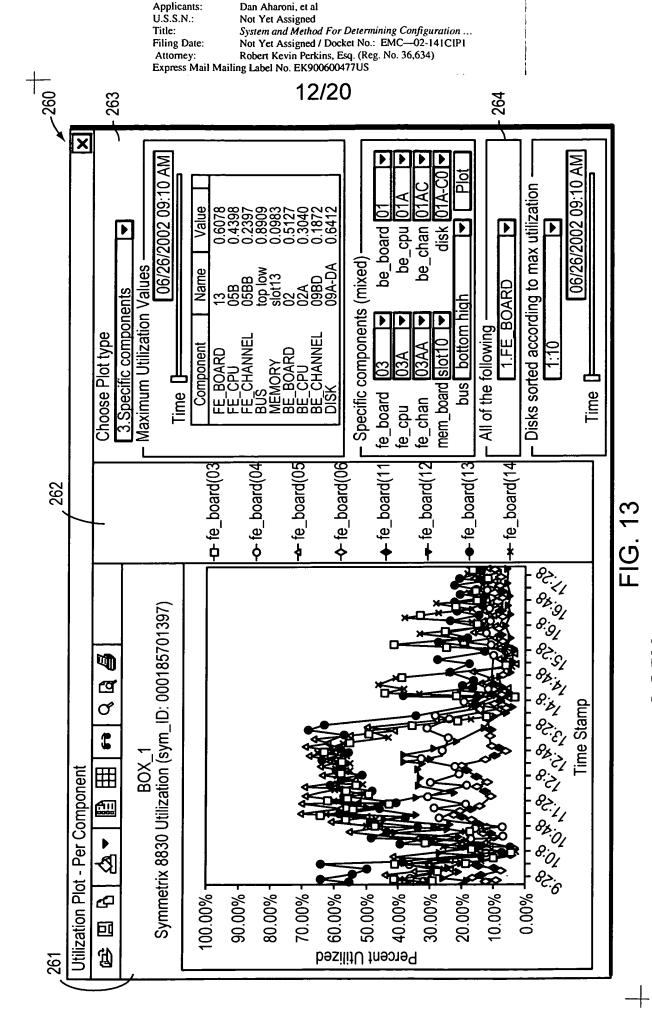
FIG. 11

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Filing Date:

U.S.S.N.: Title: Dan Aharoni, et al

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System and Method For Determining Configuration ... Not Yet Assigned / Docket No.: EMC—02-141CIP1

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Robert Kevin Perkins, Esq. (Reg. No. 36,634) Title: Filing Date:

Attorney: Robert Kevin Perkins, Esq. (Re Express Mail Mailing Label No. EK900600477US

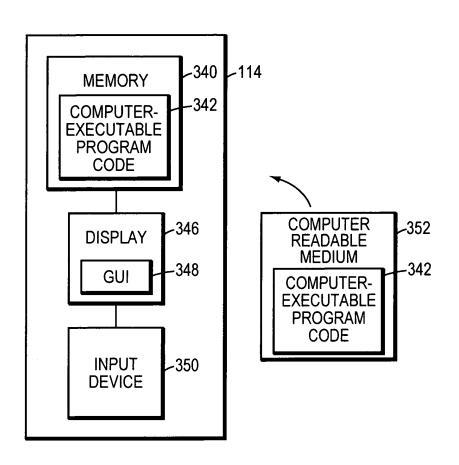


FIG. 15

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Filing Date: Not Yet Assigned / Docket No.: EMC—02-141CIP1
Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)

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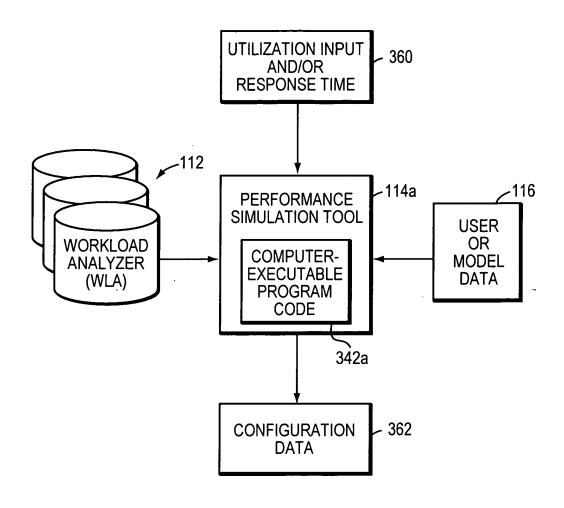


FIG. 16

Applicants: U.S.S.N.: Dan Aharoni, et al Not Yet Assigned

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Express Mail Mailing Label No. EK900600477US

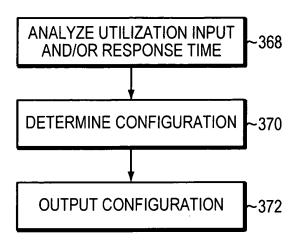


FIG. 17

Not Yet Assigned / Docket No.: EMC—02-141CIP1 Filing Date: Attorney: Robert Kevin Perkins, Esq. (Reg. No. 36,634)
Express Mail Mailing Label No. EK900600477US 17/20 386 X Load level heavy load light load 394 392 93.75 LRU Write RA-2 RDF LOAD 7380 0.00 0.00 # BCV disks: FIG. 18 Total MB/sec: WP Write (re-write) 0.00 0.00 00.0 30.40 ▼ LRU Write 404 1250.0 OLTP2 (similar to Oracle) 396 X Read Miss Sequential WP Write Read (re-write) Recommend 0.00 0.00 0.00 Cancel 64.00 ▼ 384 500.00 Application Type: 2250.00 FIG. 19 17.58 8.00 16 16 Minimum # of Hosts (Ports): Total I/O Rate 5000.00 Cabinet Recommendation 1000.00 Read Hit 8.00 Usable Capacity (TB): 7.81 Application Workload Recommend Cabinet O % of I/O Rate I/O Size (kB) MBytes/Sec Recommendation **398** I/O Rate -382 388 **User** Data

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Title:

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System and Method For Determining Configuration ...

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Title: System and Method For Determining Configuration ...
Filing Date: Not Yet Assigned / Docket No.: EMC—02-141CIP1
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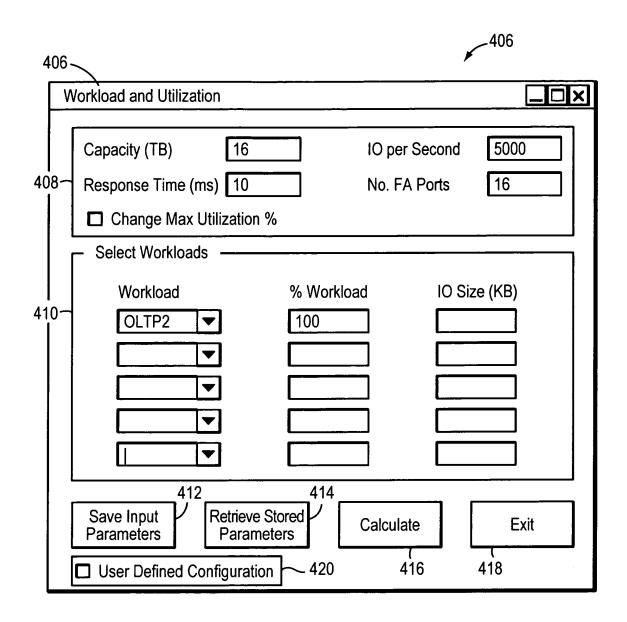


FIG. 20

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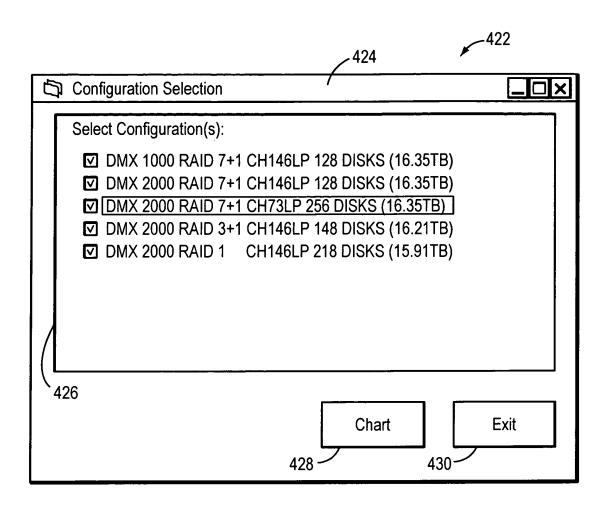


FIG. 21

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Attornoving Production Fig. (Pag. No. 36.634)

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